Erratum to "A phenomenological description of $\pi^-\Delta^{++}$ photo- and electroproduction in nucleon resonance region" [Nucl. Phys. A672 (2000) 220-248]

M. Ripani [a], V. Mokeev [b], M. Anghinolfi [a], M. Battaglieri [a], G. Fedotov [c], E. Golovach [a,b], B. Ishkhanov [b,c], M. Osipenko [c], G. Ricco [a,d], V. Sapunenko [a,b] and M. Taiuti [a,d]

[a] *Istituto Nazionale di Fisica Nucleare, Via Dodecanneso 33, I-16146 Genova, Italy*
[b] *Nuclear Physics Institute, Moscow State University, Vorob'evy gory, 119899 Moscow, Russia*
[c] *Physical Faculty of Moscow State University, Vorob'evy gory, 119899 Moscow, Russia*
[d] *Dipartimento di Fisica, Università di Genova, Via Dodecanneso 33, I-16146, Genova, Italy*

When our paper [1] was about to be printed, we learned that a similar work was going to be published by J.C. Nacher, E. Oset (University of Valencia): this paper actually appeared as [2]. We would like to acknowledge this paper as an important contribution to the subject, being the model described very accurate in the description of $\Delta\pi$ electroproduction in the low invariant mass region, i.e. W below 1.6 GeV. In particular, this paper contains an interesting discussion on gauge invariance and on the effect of the choice of form factors on the observables; also, interference effects between the resonant state D_{13}(1520 and the continuum are discussed in detail. We would like also to point out that our discussion of unitarity issues in [1] was meant to underline that other models preceding ours did not contain an explicit treatment of the coupling to competitive channels through the use of hadronic amplitudes appropriate for the resonance region. On the other hand, in the work preceding [2] and also reported in the bibliography of [1], some discussion of unitarity was included, showing that the approach developed in those papers is not expected to violate unitarity significantly in the region below 1.6 GeV invariant energy.

References

[1] M.Ripani et al., Nucl. Phys. A672 (2000) 220.

[2] J.C. Nacher and E. Oset, Nucl. Phys. A674 (2000) 205.